

DISC BRAKE FOR LAND VEHICLES

Abstract

Method and arrangement for providing a disc brake (1) for land vehicles having a brake disc (2) rotating with a wheel axle (3). A brake caliper (4) is mounted in a movable manner in a nonrotating wheel-axle housing that is arranged about said wheel axle (3). The two brake linings (5), one on each side of the brake disc (2), are configured in such a way that, when acted upon by an activating mechanism (8), they are caused to bear against the sides (9) of the brake disc (2) for transmitting a braking torque to the wheel axle (3). The brake caliper (4) includes two brake-lining holders (10, 11) which are axially displaceable relative to one another and relative to the wheel-axle housing (3). The brake-lining holders (10, 11) each have at least one actuation surface (12, 13, 14, 15) for engagement with the activating mechanism (8), as a result of which the brake-lining holders (10, 11) are displaced toward each other upon activation.